

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1	("5539021").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/07 10:35
L5	24730	"solution polymerization"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/07 10:35
L6	12546	"solution polymerization" and emulsion	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/07 10:35
L7	9136	"solution polymerization" and "emulsion polymerization"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/07 10:35
S1	1	("20030008591").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/07 10:34
S2	1	("6683129").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 11:19
S3	88108	nonwoven or non-woven or (non adj woven)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:31
S4	13811	hydrophil\$ with colloid	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:31
S6	22	colloid-stabilize\$ same polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:31
S7	13828	S4 or S6	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:32
S8	36999	(water-dispersible or (water with dispers\$) or (water near4 dispers\$)) with polymer	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:33
S9	13109	acidic same monomer	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:33
S10	1792	(acidic same monomer) with (carboxylic or dicarboxylic or di-carboxylic or sulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:26
S11	134975	(methacrylate\$ or acrylate\$ or maleate\$ or methacrylamide\$ or acrylamide or vinyl) with monomer	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:27
S12	210178	inorganic same salt	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:36

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S13	6	S3 and S7 and S8 and S10 and S11 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:36
S14	47	("3266971"   "3284394"   "3301806"   "3321431"   "3365410"   "3366588"   "3457209"   "3505045"   "3547847"   "3649581"   "3677989"   "3714078"   "3736286"   "3784498"   "3806484"   "4151143"   "4173669"   "4391878"   "4522972"   "4801671"   "4960463"   "5082896"   "5312883"   "5356968"   "5527853"   "5631317"   "5656367"   "5693707"   "5986004"   "6001916"   "6013721"   "6040409").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:37
S15	6	("3644262"   "4309469"   "5312883"   "5319027"   "5631317"   "6001910").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:37
S16	259	S3 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:01
S17	7	S16 and S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:02
S18	1	S17 not S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:16
S19	564	S10 and S11 and binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:17
S20	99	S19 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:19
S21	1	"7056847"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:20
S22	9	("4288499"   "4332850"   "4449978"   "4732797"   "4774283"   "5109063"   "5540987"   "5969052"   "6174568").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:20
S23	223650	dispers\$ with water	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:22
S24	14059	S3 and S23	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:22
S25	0	(S12 and S23).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:23

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S26	110	(S3 and S23).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:23
S27	78	(S3 and S23).ab. and binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:23
S28	2	S27 and S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:25
S30	2	S26 and S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:25
S31	43	("3563241").URPN.	USPAT	OR	ON	2006/12/20 08:26
S32	0	S31 and S10 and S11	USPAT	OR	ON	2006/12/20 08:26
S33	43715	monomer with (carboxylic or di-carboxylic or di-carboxylic or sulfonic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:26
S34	0	S11 and S33 and S31	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:29
S35	11530	S11 and S33 and binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:29
S36	1730	S35 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:29
S37	32	S36 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 08:29
S38	1	("5317063").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 09:40
S39	1	("5312883").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 09:41
S40	61	("5312883").URPN.	USPAT	OR	ON	2006/12/20 10:18
S41	55	("5317063").URPN.	USPAT	OR	ON	2006/12/20 10:18
S42	53	("5631317").URPN.	USPAT	OR	ON	2006/12/20 10:19
S43	69	S40 or S41 or S42	USPAT	OR	ON	2006/12/20 10:19
S44	52	S43 and S3	USPAT	OR	ON	2006/12/20 10:19
S45	26	S44 and (aqueous with emulsion)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:16

## EAST Search History

S46	1253	colloid and (salt with sensitive) and (polyacrylic or polymethacrylic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:36
S47	8	(US-5384189-\$ or US-5976694-\$ or US-6613954-\$ or US-3563241-\$ or US-5969052-\$ or US-5631317-\$ or US-5317063-\$ or US-5312883-\$).did.	USPAT	OR	ON	2006/12/20 11:17
S48	0	S46 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 11:18
S49	1	("6423804").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 11:38
S50	1	("6683129").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/20 11:38
S51	1	("6562892").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 17:19
S52	11	("3644262"   "4309469"   "5312883"   "5319027"   "5631317"   "6001910").PN. OR ("6562892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 17:58
S53	1	("5509913").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 18:09
S54	1	("6683129").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/02 18:09
S55	47	("3266971"   "3284394"   "3301806"   "3321431"   "3365410"   "3366588"   "3457209"   "3505045"   "3547847"   "3649581"   "3677989"   "3714078"   "3736286"   "3784498"   "3806484"   "4151143"   "4173669"   "4391878"   "4522972"   "4801671"   "4960463"   "5082896"   "5312883"   "5356968"   "5527853"   "5631317"   "5656367"   "5693707"   "5986004"   "6001916"   "6013721"   "6040409").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/02 18:16
S56	2	(("5521266") or ("5539021")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 07:15
S57	39	("5521266").URPN.	USPAT	OR	ON	2007/05/02 19:51
S58	1349	emulsion same stabilizer same colloid	USPAT	OR	ON	2007/05/02 19:51
S59	400	S58 and acrylate and (acrylic near4 acid)	USPAT	OR	ON	2007/05/02 19:52
S60	79	S59 and (water with dispersible)	USPAT	OR	ON	2007/05/02 20:16

## EAST Search History

S61	0	S59 and (colloid same cyclodextrin)	USPAT	OR	ON	2007/05/02 20:17
S62	0	S58 and (colloid same cyclodextrin)	USPAT	OR	ON	2007/05/02 20:17
S63	63	(colloid same cyclodextrin)	USPAT	OR	ON	2007/05/02 20:17
S64	103	polyol same colloid same emulsion	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 07:03
S65	1	("6217778").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 06:48
S66	1	("6562892").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 06:48
S67	1	("6019855").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 07:01
S68	25220	colloid same (emulsion polymerization)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 07:04
S69	2157	S68 and (colloid same (polyol or polyacrylic or polymethacrylic or polyphosphonic))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 07:05
S70	202	S69 and (water near4 dispersible)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 07:07
S71	1	("3,708,388").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 07:07
S72	1	("5,137,571").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 07:15
S73	56	("5631317").URPN.	USPAT	OR	ON	2007/05/03 07:37
S74	1	"5631317".PN.	USPAT; USOCR	OR	ON	2007/05/03 07:29
S75	1	("4122030").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 07:37
S76	19	("4122030").URPN.	USPAT	OR	ON	2007/05/03 07:38
S77	6	S76 and (emulsion near4 polymerization)	USPAT	OR	ON	2007/05/03 07:38
S78	1	("2003/0199633").URPN.	USPAT	OR	ON	2007/05/03 08:14
S79	1155	(colloid same polymerization) and (polyacrylic near3 acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:17

## EAST Search History

S80	779	S79 and (emulsion near4 polymerization)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:22
S81	1	("4959428").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 08:19
S82	1	("5700873").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 08:21
S83	1	("4859751").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/03 08:21
S84	794	(emulsion and polymerization).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:23
S85	117	(emulsion and polymerization).ti. and colloid	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:30
S86	12	(emulsion and polymerization).ti. and colloid and (poly\$acrylic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:23
S87	17	("3635867").URPN.	USPAT	OR	ON	2007/05/03 08:25
S88	203	(emulsion and polymerization).ti. and (colloid or stabilizer)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:30
S89	15	S88 and polyacrylic	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/03 08:31